APPENDIX C

EQUIPMENT MAINTENANCE STANDARDS

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This Appendix contains preventive maintenance information, guidance and check-lists (for conveyors only) to be used by postal commanders to develop, implement and aggressively manage the Military Postal Systemts Preventive Maintenance Program. Reference material used to provide the information and direction included herein include the USPS Maintenance Handbook Series MS 26, 43, 58, 82, 101, 102, and 111.

The use of procedures and practices in conflict with those contained in this Appendix must be specifically authorized by the cognizant office of the Military Postal Service Agency.

All equipment shall be checked daily to ensure it is operational. MPO supervisors shall ensure that the manufacturer's operating instructions are available for each item of mechanical equipment used. Commanders will include verification of and accomplishment preventive maintenance as part of an MPO's daily operations in all command inspection programs.

Below is a Property Code Numbers (PCNs) Handbook F-43 listing the service of postal capital/sensitive equipment. The useful life may or may not exceed the service life as stated in the F-43 Handbook. If proper preventive maintenance is performed, it should extend the useful life. A complete overhaul will usually double the useful life.

EQUIPMENT				USEFUL LIFE
Conveyors IRTs Postage Meters Scales Cancellation Machines (Flyers) U-Carts	local	inspection	required	10 Years 10 Years 10 Years 10 Years 10 Years 110 Years Indefinite
Hampers		inspection	-	Indefinite
Nutting Trucks		inspection	-	Indefinite
Cardboard Trays	local	inspection	required	Indefinite
Flat Trays	local	inspection	required	Indefinite
Pouch Racks	local	inspection	required	Indefinite
Letter Cases	local	inspection	required	Indefinite
Flat Cases	local	inspection	required	Indefinite
Vending Machine Booklets Strapping Machines				10 Years 10 Years

Preventive maintenance may be divided into three major categories, inspection, cleaning and lubricating, and routine preventive maintenance.

INSPECTION - Inspection checklists specify those activities which normally call for a higher level of mechanical and electrical skill. These lists are concerned principally with inspections and adjustments, though tightening and cleaning activities may be included when delicate or complex equipment is involved. Generally, inspection activities are performed monthly, quarterly, semi-annually, and annually.

CLEANING AND LUBRICATING - Cleaning and lubricating checklists are primarily concerned with cleaning, lubricating, and tightening activities. These jobs do not ordinarily require as much technical skill as those appearing on inspection checklists. Cleaning and lubricating activities are usually performed monthly, quarterly, semi-annually, and annually.

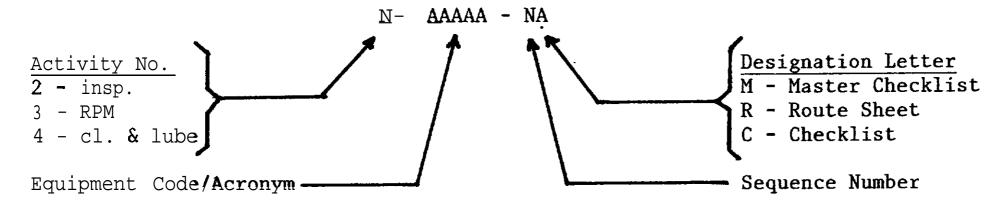


ROUTINE PREVENTIVE MAINTENANCE - Routine preventive maintenance checklists are concerned with all of the activities listed above, but are normally directed at a level of skill between that required for inspections and that required for cleaning and lubricating. Inspection and adjustment work assigned at this level is less complex than work listed for inspections. Routine preventive maintenance activities are usually performed on a tour, daily, weekly, and hi-weekly intervals.

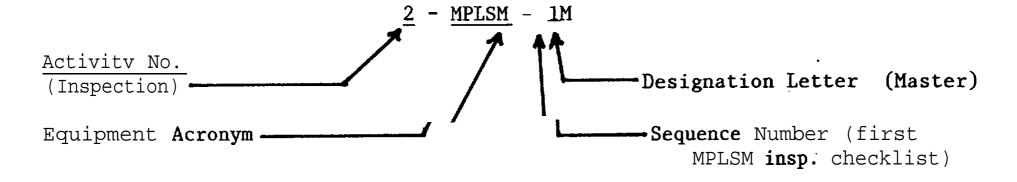
Inspection, cleaning and lubricating, and routine preventive maintenance activities for postal service equipment are listed on master preventive maintenance checklists, some examples of which are included in this Appendix.

Assignment of Checklist Numbers

Each checklist should be assigned an alpha-numeric identification which is unique within the local maintenance organization for purpose of positive identification. Where applicable, National Maintenance Information and Control System (NMICS) equipment codes/acronyms should be used as part of the locally developed checklist number.



An example showing the development of a checklist number for master inspection checklist No. 1 on the Multi-Positions Letter Sorting Machine (MPLSM) is shown below



PREVENTIVE MAINTENANCE FOR BOOKLET VENDING MACHINE PBM-6

PBM-6 Preventive Maintenance Requirements

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ITEM	PROCEDURE	FREQUENCY
1	Checking for wear and damage	Every Service
2	Cleaning the coin mechanism	As needed during service
3	Cleaning the interior and exterior	As needed during service

PREVENTIVE MAINTENANCE INSTRUCTIONS

Because PBM-6 machines are often in remote self-service locations, cleaning takes place only as needed. Always check for wear and damage when servicing the machine or performing routine or unscheduled maintenance of any sort. Look for any worn, broken, bent, scorched, or other abnormal conditions of machine parts. Follow safety precautions during performance of preventive maintenance.

CHECKING FOR WEAR AND DAMAGE

Visually inspect the following electromechanical items for wear, damage, corrosion, rust, and scorched conditions:



- a. All metal accessories and components
- b. All dispensing module moving parts
- C. All printed circuit boards and switches
- d. All module latches and catches
- e. Front panel indicators, COIN REJECT pushbutton, coin **slot**, and BOOKLET and CHANGE cups

CLEANING THE COIN MECHANISM

Follow coin mechanism removal and replacement procedures in this section. Stop at the point where the coin mechanism is hanging on the mounting studs.

1. Push down on coin return knob while observing coin mechanism. This causes coin acceptor lid to open slightly. The coin acceptor lid is held closed by a spring. Grasp lid firmly, and carefully swing it diagonally upward and to right.

CAUTION

Do not use solvents, steel wool, scouring pads, or a metal bristle brush for the following cleaning steps. Do not use any type of spray lubricant.

- 2. Hold coin acceptor lid open. Wipe exposed coin ramp and inner surface with a damp cloth. Use a cloth dampened with water and a mild nonabrasive detergent for heavy dirt in this area.
 - 3. Let coin acceptor lid close gently.
- 4. The coin mechanism cleaning is now complete. Follow removal and replacement procedure in this section, beginning at point of installing coin mechanism in machine. Complete replacement procedure, and return machine to service.

CLEANING THE INTERIOR AND EXTERIOR

Wipe surface areas of PBM-6 clean with a brush and a dry, lint-free cloth. Use . . . a vacuum cleaner on all surfaces. Wash or clean front panel with detergent NSN 7930-00-357-7386. Wipe dry with a clean, dry cloth.



PREVENTIVE MAINTENANCE FOR STAMP VENDING MACHINE PS-53C

PS-53C Preventive Maintenance Requirements

ITEM	PROCEDURE	FREQUENCY
1	Checking for wear and damage	Every Service
2	Cleaning the coin mechanism	As needed during service
3	Cleaning the stamp dispensing modules	As needed during service
4	Cleaning the interior and exterior	As needed during service

PREVENTIVE MAINTENANCE INSTRUCTIONS

Schedule cleaning on an as-needed basis because of the remote locations of PS-53C machines. Check for wear and damage each time the PS-53C is serviced for money removal and stamp replenishment, or when routine or unscheduled maintenance is performed. Look for any worn, broken, bent, scorched, or other abnormal conditions of PS-53C parts. Follow safety precautions during performance of preventive maintenance.

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CHECKING FOR WEAR AND DAMAGE

Visually inspect the following electromechanical items for wear, damage, corrosion, rust, and scorched:

- a. All metal accessories and components
- b. All stamp module moving parts
- c. All printed circuit boards and switches
- d. All module latches and catches
- e. Front panel indicators, coin return button, coin slot, and CHANGE cup

CLEANING THE COIN MECHANISM



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1. Push down on coin return knob while observing coin mechanism. This causes coin acceptor lid to open slightly. The coin acceptor lid is held closed by a spring. Grasp lid firmly, and carefully swing it diagonally upward and to right.

CAUTION

Do not use solvents, steel wool, scouring pads, or a metal bristle brush for the following cleaning steps. Do not use any type of spray lubricant.

- 2. Hold coin acceptor lid open. Wipe exposed coin ramp and inner surface with a damp cloth. Use a cloth dampened with water and a mild nonabrasive detergent for heavy dirt in this area.
 - 3. Let coin acceptor lid close gently.
 - 4. The coin mechanism cleaning is now complete.

CLEANING THE STAMP DISPENSING MODULE

Remove each stamp module individually, following removal instructions in this section, and clean thoroughly. Wipe all surface areas with a brush and a dry, lint-free cloth. Use a vacuum cleaner to remove all paper dust collected within stamp modules.

CLEANING THE INTERIOR AND EXTERIOR

Wipe surface areas of PS-53C clean with a brush and a dry, lint-free cloth. Use a vacuum cleaner on all surfaces. Wash or clean front panel with detergent NSN 7930-00-357-7786. Wipe dry with a clean, dry cloth.

PREVENTIVE MAINTENANCE FOR BOOKLET VENDING MACHINE PBM-2

PBM-2 Preventive Maintenance Requirements



 ITEM	PROCEDURE	FREQUENCY
1	Checking for wear and damage	Every Service
2	Cleaning the coin mechanism	As needed during service
3	Cleaning the interior and exterior	As needed during service

PREVENTIVE MAINTENANCE INSTRUCTIONS .

The above lists all preventive maintenance requirements. Always check for wear and damage when servicing the machine. Because PBM-2 machines a-re often in remote self-service locations, cleaning takes place only as needed.

Follow safety precautions during performance of preventive maintenance. Before opening the access door, disable the external alarm system and remove power by unplugging the machine from the AC outlet. Upon completion of preventive maintenance, close the rear access door, enable the burglar alarm system, and return power by plugging the machine into the AC outlet.

CHECKING FOR WEAR AND DAMAGE

Visually inspect the following items for wear, damage, corrosion, rust, and scorched conditions, and discoloration:

- 1. All metal accessories and components
- 2. All dispensing module moving parts
- 3. All printed circuit boards and switches
- 4. All module latches
- 5. Front panel
- 6. Front panel indicators, COIN REJECT button, coin slot, and BOOKLET and CHANGE cups

Report any defective parts to the MPO supervisor.

CLEANING THE COIN MECHANISM

Materials. Cleaning the coin mechanism requires the following materials:

- a. Soft damp cloth (nonabrasive)
- b. Detergent (nonabrasive liquid soap)
- c. Dry cloth (nonabrasive)

Procedures. Use the following steps to clean the coin mechanism:

Remove coin mechanism as stated below:

- a. Remove power by unplugging power cord from wall outlet.
- b. Unlock and open access door.
- c. 'Unplug coin mechanism by separating P10 from J10.
- d. Grasp mechanism by its **slide bracket** and carefully slide it **out of** machine.
 - e. To empty coin tubes and remove slide bracket: ,.
 - (1) Hold down the two clips located in upper corners of mechanism.
 - (2) Push out top end of acceptor until it clears mechanism.
- (3) Pull up coin acceptor until tabs located on sides if coin acceptor if their if upper limit.
 - (4) Swing bottom end of coin acceptor out of mechanism.
 - (5) Remove coins from coin tubes.

- (6) Remove slide bracket. Set aside for use on replacement coin mechanism.
- (7) Replace coin acceptor by reversing procedures described in steps (1) through (6) above.



2. Push coin return lever and open coin acceptor lid. Grasp lid firmly, and hold it open while cleaning coin path.

CAUTION

Do not use abrasive substance or materials like steel wool, scouring pads, or a brush with stiff **bristels** to clean the coin path. Do not lubricate the coin path.

- 3. Wipe coin path and inside of lid with a soft damp cloth. For heavy dirt in this area, use a mild nonabrasive liquid detergent applied to a damp cloth. If area cannot be cleaned, replace coin mechanism. Do not attempt to scrape away heavy dirt as this might cause permanent damage to module.
 - 4. Dry thoroughly with nonabrasive cloth.
 - 5. GENTLY close coin acceptor lid.

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6. Replace coin mechanism in accordance with the below procedures:

To load coin tubes and attach slide bracket, proceed as follows:

- a. Hold down two clips located in upper corners of mechanism.
- b. Push out top end of coin acceptor until it clears mechanism.
- c. Pull up coin acceptor until tabs located on sides of coin acceptor reach their upper limit.
 - d. Swing bottom end of coin acceptor out of mechanism.
 - e. Load coin tubes with desired amount of coins.
 - f. Set DIP switches on back of coin acceptor to chosen settings.
 - g. Attach slide bracket removed in paragraph 1.e.6.
- h. Replace coin acceptor by reversing procedures described in steps a through d above.
- 7. Carefully slide coin mechanism onto slide mount bracket, and push until it clears connector J10.
 - 8. Connect P10 to J10.

- 9. Plug power cord into wall outlet, and apply power by pulling out (activating) interlock switch.
 - 10. Perform the procedures listed below:

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PBM-2 Performance Test

STEP	PROCEDURE	PERFORMANCE
1	Power-up check. Open rear door. Make sure all assemblies are installed and no coins are in machine. Plug in power cord. Pull out (activate) interlock switch.	Power-on lamp lights. Credit display LED's light and read zero (0.00). EMPTY LED flashes.
2	TEST SWITCH and VEND LIGHT LED checks. Press TEST SWITCH momentarily and release.	Dispensing motor runs one cycle. VEND LIGHT LED lights during vend cycle. EMPTY LED flashes.
3	Power-down check. Push interlock switch to center (off) position.	EMPTY LED, credit display LED's, and power-on lamp go out.
` 4	EMPTY LED check. Load dispenser with 30 test booklets. Put weight on top of booklets. Set \$ACPT/NO \$ACPT switch to OFF. Pull out (activate) interlock switch.	EMPTY LED remains out and power-on lamp lights. USE EXACT CHANGE LED flashes. Display reads zero (0.00).
5	PRICE SWITCHES and credit display LED's checks. Switch escrow disable switch to the off position. Set PRICE SWITCHES .40 and .05 to the ON position for a total of \$0.45. Record cash accountability counter reading, and insert nine nickels in coin slot.	Credit display advances with each nickel deposited for a total of \$0.45. Machine vends one booklet. Credit displays returns to zero (0.00), and cash accountability counter adds \$0.45. USE EXACT CHANGE LED flashes.
6	Escrow disable switch check. Set escrow disable switch in the ON position. Insert one quarter and one dime. Press the COIN REJECT button.	Inserted coins do not pass through to CHANGE cup. Insert one dime, machine vends one booklet.
7	Escrow disable switch check. Set escrow disable switch in the OFF position. Insert one quarter and one dime. Press the COIN REJECT button.	Inserted quarter and dime pass through to CHANGE cup.



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STEP	PROCEDURE	PERFORMANCE
8	COIN REJECT button check. Insert one quarter, one dime, and one nickel. Push COIN REJECT button.	Credit display shows in sequence \$0.25, \$0.35, and \$0.40 and returns to zero (0.00) as the coins return to CHANGE cup. USE EXACT CHANGE LED flashes.
9	Booklet vend and cash accounta-bility counter checks. Insert one quarter and four nickels.	Credit display shows in sequence \$0.25, \$0.30, \$0.35, \$0.40 and \$0.45. Machine vends one booklet. Credit display returns to zero (0.00), and cash accountability counter adds \$0.45. USE EXACT CHANGE LED flashes.
10	Change return check. Insert two quarters.	Credit display shows in sequence \$0.25 and \$0.50. Machine vends one booklet and returns one nickel to CHANGE cup. Credit display returns to zero (0.00), and cash accountability counter adds \$0.45. USE EXACT CHANGE LED flashes.
11	Change return check. Insert one dime and two quarters.	Credit display shows in \$0.10, \$0.35, and \$0.60. Machine vends one booklet and return three nickels to CHANGE cup. Credit display return to zero (0.00), and cash accountability counter adds \$0.45. USE EXACT CHANGE LED flashes.
12	Low quarter SBA coin reject check. Insert one Susan B. Anthony (SBA) dollar coin.	Credit display shows zero (0.00)". The SBA coin returns to CHANGE cup. USE EXA CHANGE LED flashes.
<u>~3</u>	UST EXACT CHANGE LED check. Insert two quarters. "	Credit display shows in sequence \$0.25 and \$0.50. Machine vends one booklet and returns one nickel to

			CHANGE cup. Credit display returns to zero (0.00), and cash accountability counter adds \$0.45. USE EXACT CHANGE LED goes out.
: ~	14	SBA coin accept check. Insert one quarter and one SBA dollar	Credit display shows in sequence \$0.25 and \$1.25. Machine vends one booklet and returns three quarters and one nickel. Credit display returns to zero (0.00), and cash accountability counter adds \$0.45. USE EXACT CHANGE LED flashes.
	15	INVENTORY SWITCHES check. Press three INVENTORY SWITCHES to empty coin inventory tubes.	No coins remain in tubes.



CLEANING THE INTERIOR AND EXTERIOR

Materials. Cleaning the interior and exterior of the PBM-2 requires the following materials:

- a. Vacuum cleaner
- b. Brush

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- C. Dry, lintless cloth
- d. Detergent (NSN 7930-00-357-7386)

Procedure. Use the following procedure to clean the interior and exterior of the PBM-2:

- 1. Remove the cashbox.
- 2. Gently brush and vacuum surfaces of all components inside machine.
- 3. Wipe surfaces of components with a dry, lintless cloth.
- 4. Clean front panel. Use detergent as necessary. Wipe dry with dry, lintless cloth.
 - 5. Clean cashbox and return it to machine.

PREVENTIVE MAINTENANCE FOR POSTAGE METER HEADS

Postage Meter Head Preventive Maintenance Requirements



ITEM	PROCEDURE	FREQUENCY
1	-Service Functions Only- Limited to installing meter tape and filling/refilling	When required.
	ink and water supply.	
Postage	e Meter Base Preventive Maintenance Re	equirements
ITEM	PROCEDURE	FREQUENCY
1	Local maintenance and repair authorized when performed by military maintenance personnel or subsidiary companies of the manufacturer or USPS.	When required.
Scale, A	utomatic Indicating Pound, 100 Pound a	and 125 Pound
ITEM	PROCEDURE	FREQUENCY
1 "	Local maintenance and repair authorized when performed by military maintenance personnel or subsidiary companies of the manufacturer daily.	When required.
2	Service functions performed by the operator are limited to:	Daily.
2		Daily.
2	the operator are limited to:	Daily.
2	the operator are limited to: * Cleaning scale externally. Seeing that scale does	Daily.

PREVENTIVE MAINTENANCE FOR CANCELLING MACHINE

Canceling Machine Preventive Maintenance Requirements

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ITEM	PROCEDURE	FREQUENCY
1	Clean dust and lint from the top of the machine using a small paint brush. Avoid pushing dust into oilless bearing. Inspect to determine if/when Item Numbers 2-3 are necessary.	Daily.
2	Clean die hub and treat with cleaning solvent if it becomes caked with ink and dust. Similarly, clean other exposed metal parts; however, avoid exposing rubber rollers to oil or cleaning liquid.	When required.
3	Oil areas marked for oiling, including moving parts not marked that normally require lubrication.	When required.
4	Ink the roller by rolling it on a small amount of ink on a flat surface. Invert roller occasionally to equalize wear. Replace roller when necessary.	When required.
5	Adjust as necessary in accordance with manufacturers instructions. Add oil to oil trough, as necessary. Model "H.D.2": SAE 10 or 20, nondetergent	When required.
	<pre>Model "M": SAE 10, nondetergent</pre>	

Canceling Machine Preventive Maintenance Requirements (Cont.)

ITEM	PROCEDURE	FREQUENCY
6	Change oil-Model H.D.2-clean trough before adding 3 pints of new oil.	Semi-annually.
7	Change oil-Model M-clean before adding 1 pint of new oil.	Annually



NOTE - The canceling machine has been designed to be dependable during normal daily use for 10 years. All wear on the machine is gradual, allowing replacement parts to be ordered before breakdown, if the operator examines the working parts when the machine is being cleaned and lubricated.

MASTER PREVENTIVE MAINTENANCE CHECKLIST - SIDE A

Type of Activity: INSPECTION

Checklist, Number: 2-PPC-1M

System:

General Purpose parcel Surting Loading-Unloading Equipment: All Models Type: Portable Conveyors

POICADI	C CONVE	Apra VII Modera	Loading=Un	loading	3
Component	Item	Instructions'		Frequency By Service Condition	
			Light	Mat	se%'
GENERAL	1	(Safety) Observe 11 safety precaut: Disconnect power cable except when operations must be performed with t equipment running. Be especially of when performing operations with the equipment running.	he autious	MQSA -xxx	
	2	(<u>Power Cable</u>) Connect power cable a operate conveyor.	nd	•	
	3	(<u>Power Cable)</u> Disconnect power cabl receptacle.	e from	•	
DRIVE SECTION	4	(rotor and Reducer or Gearmotor) William conveyor running, feel motor and rehousing to detect excessive vibrations for evidence of damage or we to internal parts. Look for evidence lubricant leakage.	educer lon. ear	-xxx	
	5	(<u>Drive Section</u>) With conveyor runn observe the overall performance of motor, reducer, and power transmis equipment.	the	-xxx	
	6	(Roller Chain Transmission) With particle disconnected, remove chain grant Look for excessive wear to roller a sprocket teeth. Look for corrosion build-up of dirt on transmission particles chain to determine if tension properly adjusted. Feel sprockets sure they are tight on shafts. Rechain guard.	uard. Chain and and arts. is to be	-xx	
		*Frequency to agreewith "operating appearing on individual checklist. performance time standards have not included in the data presented on summary sheet.	1hese been		

MASTER PREVENTIVE MAINTENANCE CHECKLIST - SIDE B

Checklist Number:

Type of Activity: INSPECTION

2-PPC-1M

Type: General Purpose Parcel Sorting Loading-Unloading **Equipment:** System: Portable Conveyors All Models Frequency **Factor** Notes and Additional Information **Performance** Time Criteria Item Lt | Mod | Sev 4 Includes travel time to the 5 minutes (Safety) job site Standard 2 2 minutes (Power Cable) (Power Cable) 3 2 minutes Standard 4 Standard 2 minutes 4 (Motor and Reducer or Gearmotor) 4 2 minutes Standard (Drive Section) 6 minutes Standard (Roller Chain Transmission)



sheet.

Trequency to agree with

"operating items" appearing on

individual checklist. These

have not been included in the data presented on the summary

, performance time standards

MASTER PREVENTIVE MAINTENANCE CHECKLIST - SIDE A

Checklist Number:

Type of Activity: INSPECTION

2-PPC-1M

System:

- - -

Equipment: All Models Portable Conveyors

General Purpose Parcel sorting Loading-Unloading Type:

FOI Cab	TE CO	veyota nadata	<u> [oadi</u>	nq-Unl	loading	
Component	Item	Instructions			equency ice Condi	-
•			ľ	Light	Mod	Sev
CONVEYING SECTION	7	(Belt Alinement and Tension) With convening, observe tracking of the be overdrive, terminal, and take-up put (if reversible, observe in both directions of the belt for proper tension adjustment.	lt lleys ections).		MQSA -xxx	367
	8	(Pulley Bearings) With conveyor for abnorma 1 noise from pulley and bearings. Feel accessible bearing to detect excessive vibration. Obspulley for eccentricity or other in of bent shaft.	roll housings serve each		-xxx	
	9	(Belt and Lacing) With power cable jog conveyor and observe condition and lacing along entire length of b	of belt		-xxx	
HYDRAULIC SYSTEM (Model C) (Model K)	10	(Hydraulic System) With power cable operate the boom section and observe hydraulic system (manual or motor of pump, whichever is applicable). leakage around cylinders, caps, pis and in tubing and fittings of fluid	the driven Look for ton rods,		-xxx	
STRUCTURAL	11	(Conve yor Frame) With power cable of look for damage to the frame, hopped and other structural members. Check cose bolts, broken 'welds, and broken ivets. Check casters for damage to the frame, hopped and other structural members. Check casters for damage from the frame of the frame, hopped and other structural members. Check casters for damage from the frame of the	er, boom ck for ken or		-xxx	
(.Model J)	1 2	(Boom) With conveyor running, slide boom back and forth and check for movement and smooth operation. check assembly.	free		-xxx	
(Models C & G)	13	(Manual Tilt Mechanism) With power disconnected, operate the elevatin to test for proper operation of timechanism. Look for damage to and secure mounting of parts.	g crank lt		-xxx	

MASTER PREVENTIVE MAINTENANCE CHECKLIST - SIDE B

Checklist Number: 2-PPC-1M

Type of Activity: INSPECTION

Bystem:	Portable Conveyor	Equipmen	t: General Pu Models Type: General Pu Parcel Sor Loading-Un	rpose ting load:	.ng	
Item	Performance Tim	e Criteria	Notes and Additional Information		equenc F • ctor	
7	(BS lt Alinement and Tension)	4 minutes	Standard	L t	Mod 4	Sev
8	(<u>Pulley</u> <u>Bear ings</u>)	3 minutes	Standard		4	
9	(Belt and Lacing)	5 minutes	Standard		4	
10	(<u>Hydraulic</u> Eystem)	5 minutes	Applies to Model C & H Portable Conveyors		4	
11	(Conveyor Frame)	4 minutes	Standard		4	
12	(Boor ⁿ)	2. minutes	Applies to <u>Model J</u> portable <i>Conveyor</i>		4	
13	(Manual Tilt Mechanism)	2 minutes	Applies to Models C & G portable Conveyors		4	

pe <u>of</u> Activity: stem: portal	Type: Ger Par Los	neral Pur cel Sort					
Component	Item		Instructions		Servi	quency I	tion
CONTROLS	14	connected switch box conduit an	and Wiring) With power l, look and feel for dam ses, cable reels, and a d wiring. Look for da e and plugs.	age to ssociated	Light	Mod MQSA	Se
general	15	(Clean-up Remove all area. In quired.) Clean all parts of t inspection equipment : itiate repair work orde Report serious deficient se supervisor.	from work ers as re-		-xxx	
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MAST	ER PREVENTIVE MAINTE	NANCE	CHECKLIST - SID	EB	, ,	klist N PC-1	lumbe M	r:
Type (of Activity: INSPECTION	1						
System	: Portable Conveyors	Equipmen Al	t: 1 Models	Type: Gener Parce	l Sor	lur Ling	po: inq	s e
						Fr	equen	СУ
item	Performance lima Criteri	a	Notes ● nd Add	litional Informatior	1		Factor Mod	
14	(switches and 3 mi	nutes	Standard				4	
15	(Clean-Up) 5 m	inutes	Standard				4	
						-		





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WAINT	ENAN	CE CHECKL	.151	0	2	Р	P	С			0		0	1		M
SYSTEM/LOCATION			EQUIPMENT TYPE		МО	DEL/	SERI	ES		ORIGI	NAL	ISS	UAN	ICE	DAT	E
POWERED PORTAE	BLE CON	IVEYORS			M	ODE	L 89)								
IUB-EQUIPMENT/AREA			DATE LAST REVISED		RE	VISIO	N NC).	-	APPRO	OVE	D B	Y (II	NITI <i>A</i>	ALS)	
		<u> </u>							I							
PART OR MPO NT	ITEM NO.	(COMPLY	INSTRUCTIO WITH ALL CURRENT SA		' PRE	ECAU	TION	S)			А	s		M	IC	
3ENERAL	1.	power cable ex with equipmen	erve all safety pre xcept when operat nt running. Be espe erations with equip	ned				X								
DRIVE SECTION	2.	running, feel m sive vibration.		es-	-			×								
	3.	overall perform	internal parts . Look for evidence of damage or wear internal parts . Look for evidence of lubricant leakage (DRIVE SECTION) With conveyor running, observe overall performance of motor, reducer, and power transmission equipment.													
	4.	connected, rer on roller chain and buildup of to determine if	verall performance of motor, reducer, and power cansmission equipment. ROLLER CHAIN TRANSMISSION) With power cable disconnected, remove chain guard. Look for excessive we need to reduce the content of										×			
CONVEYING SECTION	5.	observe trackii	IENT AND TENSION of Ileys. (If reversible	belt	ove	r dri	ve t	ermin		ng,			×			
	6.	abnormal nois accessible bea	and takeup pulleys. (If reversible, observe in both directions.) (PULLEY BEARINGS) With conveyor running, listen for abnormal noise from pulley and roll bearings. Feel accessible bearing housings to detect excessive vibrat Observe each pulley for eccentricity or other indication										X			
	7.	•	CING) Operate contire length of belt	_					X							
STRUCTURAL	8.	look for damag	RAME) With powe ge to frame, tower efective bolts, rive mage.	, gua	ards	, etc	c. Cł	neck	•				X			

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		TAL SERVICE		WO				UIPME				NUI	MBE	R	TY	'PE
MAIN	renan	ICE CHECKL	IST	0	2	Р	P	С			(,	0	1	1	М
YSTEM/LOCATION POWERED PORTA	BLE CO	NVEYORS	EQUIPMENT TYPE		1		L/SER			ORIG	INA	L IS	SUA	NCE	DAT	<u> </u>
UĘ-ĘQUIPMENT/AREA	<u>, , , , , , , , , , , , , , , , , , , </u>		DATE LAST REVISED		RE	VIS	ION N	0.		APPF	IOV	ED (BY (1	NITI	ALS)	
PART OR COMPONENT	ITEM NO.	(COMPLY)	INSTRUCTION WITH ALL CURRENT SA		PRE	ECA	UTIO	NS)	1		A	s	FRE	QUE	NCY	7
CONTROLS	9.	look and teel f	ND WIRING) With por damage to switing. Look for damage	ch bo	DX e s	s, c	able	s, co	n-	ed,			x			
BENERAL	10.	area. Initiate	emove all tools, ra repair work orders encies to maintens	as 1	requ	Jire	d. R	lepor		rk			X			
SAFETY	11.		on of the emergenstallation of mechanisms.	•	-								X			

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_		AL SERVICE	ICT	COI				IPMEI RONY			NL	MBE	R	. T	YPE	:
MAIN	EINAIN	CE CHECKL	.101	0	4	P	P	С			0	0	1		M	
SYSTEM/LOCATION POWERED PORTA	BLE CON	IVEYORS	EQUIPMENT TYPE	11		DEL/ ODE				ORIGI	NAL I	SSU	NCE	DA	rE	_
SUB-EQUIPMENT/AREA			DATE LAST REVISED)	RE	VISIO	N NC),		APPR	OVED	BY (INIT	ALS)		
PART OR COMPONENT	ITEM NO.	(COMPLY)	S)		-	A S		T	INC)	,	_					
·	100.	(OOMITE)	(COMPLY WITH ALL CURRENT SAFETY PRECAUTIONS) (SAFETY) Observe all safety precautions. Disconnect									0	M			H
GENERAL	1.	power cable experiormed with	e			×										
DRIVE SECTION	2.	FITTINGS ARE nected, remove to remove dirt. by applying lul cant appears a motor and red	(MOTOR AND REDUCER BEARINGS, WHERE GREAS FITTINGS ARE PROVIDED) With power cable disconnected, remove relief plugs from bearings. Wipe fitti to remove dirt. Using a hand-grease gun, purge bear by applying lubricant through fittings until fresh lubricant appears at relief hole. Connect power cable and motor and reducer for a short time to allow excess gut orun out, then replace relief plugs. (GEARCASE OIL LEVEL) With power cable disconnections.													
	3.	to run out, then replace relief plugs. (GEARCASE OIL LEVEL) With power cable disconnected remove oil level plug and determine level of lubricant in gearcase. Add lubricant as required to reach proper level. Clean breather vent and wipe away any excess lubricant.										X				
	4.		IN) With conveyor t to roller chain.	runr	ning	, us	at	rush	to			×			-	
	5.	warm from rur Remove drain case. Replace level. Clean b	With power cable oning, remove fille plug and drain old drain old edition of the drain plug and fill reather vent, replain from gearcase e	er cap d lub li gea ace f	o fro rica arca iller	-	•		X			-				
	6.	(CASTERS, WHERE FITTINGS ARE PROVIDED) With power cable disconnected, wipe fittings. Using a hand-grease gun, apply small amount of lubricant to fittings. Wipe away any excess lubricant.										×				
CONVEYING SECTION	7.	With power ca type pulley be:	RINGS, WHERE FI ble disconnected, arings. Using a ha of lubricant to fitti	wipe and-	dir grea	t fro ise (m a jun,	li lub appi	е- у а	1		×			1	
-		··•										1				

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U.S. POSTAL SERVICE MAINTENANCE CHECKLIST

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STEM/LOCATION | EQUIPMENT TYPE | MODEL/SERIES | ORIGINAL ISSUANCE DATE | OWERED PORTABLE CONVEYORS | MODEL 89 |

JB-EQUIPMENT/AREA | DATE LAST REVISED | REVISION NO. | APPROVED BY (INITIALS)

			_				
RART OR COMPONENT	ITEM NO.	INSTRUCTIONS (COMPLY WITH ALL CURRENT SAFETY PRECAUTIONS)	-	,	FRI	C	
ARIDRIVE	8.	With power cable disconnected, wipe dirt from fittings. Using hand-grease gun, apply small amount of lubricant to bearings.	-		(_	
GiENERAL	9.	(CLEANUP) Remove all tools, rags, and debris from work area. Initiate repair work orders as required. Report serious deficiencies to maintenance supervisor.			(
AFETY	10.	Check operation of the emergency-stop switches and proper installation of mechanical guards over potential pinch points.			(
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_		TAL SERVICE	IST	wc co	DE DE			UIPMI				NU	MBE	R	т	YPE
IVI/ 311 V		OL OHLONG	_101	0	2	P	P	С				0	0	1		М
SYSTEM/LOCATION			EQUIPMENT TYPE				/SER	IES	Ì	ORIG	INA	L IS	SSUA	NCE	DA	rE
POWERED PORTA		IVEYORS			4		EL L	<u> </u>	_							
SUB-EQUIPMENT/AREA	·		DATE LAST REVISED		RE	VIS	ON NO	O. 		APPR	OV	ED	BY (I	INITI	ALS)	I
PART OR	ITEM	ITEM INSTRUCTIONS NO. (COMPLY WITH ALL CURRENT SAFETY PRECAUTIONS)												QUI	NCY	·
COMPONENT	NO.	(COMPLY V		A	s	0	М		_							
GENERAL	1.	power cable ex with equipmen	erve all safety pre xcept when operat at running. Be esp erations with equi	me	đ	,		×								
DRIVE SECTION	2.	running, feel m sive vibration.		ces ar to	S-	•		x								
	3.	overall perform	sive vibration. Listen for evidence of damage or wear to internal parts. Look for evidence of lubricant leakage. (DRIVE SECTION) With conveyor running, observe overall performance of motor, reducer, and power transmission equipment. (ROLLER CHAIN TRANSMISSION) With power cable dis-													
	4.	connected, ren on roller chain and buildup of to determine if				X										
CONVEYING SECTION	5.	observe belt tr	(BELT ALIGNMENT AND TENSION) With conveyor runni observe belt tracking and tension over drive, terminal, and takeup pulleys. If reversible, observe in both													
•	6.	(PULLEY BEAF abnormal noise accessible bea Observe each of wear.	atio				×									
	7.	· ·	CING) Operate continue tength of belt	•			obse	eivie					×			
STRUCTURAL	8.	look for damag	RAME) With power to frame, tower, fective bolts, rivets nage.	gua	rds,	etc	c. Ch	neck					×			

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_		TAL SERVICE			PRK DE			JIPME RONY			NUI	MBE	R	ΤΥ	PE
MAIN	TENAN	ICE CHECK	LIST	0	2	P	P	С			o	0	1	I	М
YSTEM/LOCATION POWERED PORTA	ABLE CO	NVEYORS	EQUIPMENT TYPE	<u></u>		ODEL		IES	Oi	RIGINA	L IS	SUA	NCE	DATE	<u></u>
UB-EQUIPMENT/ARE	A		DATE LAST REVISE	<u> </u>	RE	EVISIO	ON NO) .	A	PPROV	'ED I	BY (NITI.	ALS)	
PART OR	ITEM		INSTRUCTI	ONS	•							FRE	QUE	NCY	
COMPONENT	NO.	(COMPLY	WITH ALL CURRENT S	AFET	Y PR	RECAL	JTIOI	IS)		Λ	s	٥	м		
ONTROLS	9.	(SWITCHES AND WIRING) With power cable disconnected look and feel for damage to switch boxes, cables, conduit, and wiring. Look for damage to power cable and plugs.								I,		x			
GENERAL	10.	area. Initiate	lemove áll tools, ra repair work order lencies to mainten	s as	req	uire	d. R	epor	•			×	-		

Check operation of the emergency-stop switches and proper installation of mechanical guards over potential pinch points.

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SAFETY

11.



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		0551405		wo	RK		FOL	JIPME		FICA	ION			-		<u> </u>
• .		AL SERVICE	ICT	CO				RONY			<u> </u>	IUM	BEF	<u>. </u>	רד	'PE
MAIN	ENAN	CE CHECKL	-101	0	4	P	P	С			0	T	0	1		М
SYSTEM/LOCATION			EQUIPMENT TYPE	<u> </u>	МС	DEL/	SERI	E\$	\neg	ORIG	INAL	ISS	UAI	NCE	DAT	
POWERED PORTA	BLE CON	IVEYORS			M	ODE	LL		1							
SUB-EQUIPMENT/AREA			DATE LAST REVISED		RE	VISIO	N NC).	\exists	APPF	OVE	DB	Y (II	AITIN	LS)	
																
PART OR	ITEM	(00) (D) V)	INSTRUCTIO		, an		TION.	:C)				s	\neg	QUE	NCY	
COMPONENT	NO.	(COMPLY)	(COMPLY WITH ALL CURRENT SAFETY PRECAUTIONS)										9	М	\bot	
3ENERAL	1.	power cable e performed with	erve all safety pre xcept when mainto h equipment runni performing opera	ust b ly	00				X							
DRIVE SECTION	2.	FITTINGS ARE nected, remove to remove dirt by applying luappears at reliand reducer for	MOTOR AND REDUCER BEARINGS, WHERE GREASE STITINGS ARE PROVIDED) With power cable disconnected, remove relief plugs from bearings. Wipe fitting or remove dirt. Using a hand-grease gun, purge bearing applying lubricant through fittings until fresh lubricated and relief hole. Connect power cable and run rand reducer for a short time to allow excess grease to but, then replace relief plugs. GEARCASE OIL LEVEL) With power cable disconnect													
	3.	out, then replace relief plugs. (GEARCASE OIL LEVEL) With power cable disconnected remove oil level plug and determine level of lubricant in gearcase. Add lubricant as required to reach proper level. Clean breather vent and wipe away any excess lubricant.											X			
	4.		IN) With conveyor t to roller chain.	runt	ning	, us	e a t	orust	n to)			X			
	5.	warm from rur Remove drain case. Replace tevel. Clean b	With power cable onling, remove fille plug and drain old drain old and file drain plug and file reather vent, replain from gearcase e	r cap d lub Il gea ace f	o fro rica arca ille:	om g int fr ise t	eard om o pr	case. gear oper	. :			X				
	6.	power cable d grease gun, a	HERE FITTINGS Alisconnected, wipe pply a small amou y excess lubricant	fittir	ngs.	Usi	ing a	a har					X			
CONVEYING SECTION	7.	With power ca type pulley be	RINGS, WHERE FI ble disconnected, arings. Using a ha of lubricant to fitti	wipe and-	e di: grea	rt fro ase (m a gun,	ll lut appl	e- ly a	3 4			X			i
· 	1		•													İ

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		TAL SERVICE CE CHECKL	IST	COL				JIPME RON'		F	$oldsymbol{\perp}$	NUN	/IBEF	₹	T	YPE	
Wij XII X I		or oneone		o	4	Р	P	С				,	0	1		M	
SYSTEM/LOCATION			EQUIPMENT TYPE		МО	DEL/S	ERI	ES		ORIG	INA	L IS	SUA	NCE	DAT	E	
POWERED PORTA	BLE CON	IVEYORS			MC	DDEL	. L										
SUB-EQUIPMENT/AREA			DATE LAST REVISED		RE	/ISION	N NC) .		APPF	ROVI	ED E	BY (II	NITIA	ALS)		
PART OR COMPONENT	ITEM NO.	(COMPLY V	INSTRUCTIO	_	PRE	CAUT	ION	S)				s	FRI	L V	1(
3ENERAL	8.	(CLEANUP) Re	LEANUP) Remove all tools, rags, and debris from work a. Initiate repair work orders as required. Report rious deficiencies to maintenance supervisor. eck operation of the emergency-stop switches d proper installation of mechanical guards over tential pinch points.														
·	9	and proper ins	stallation of mecha										×				

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•		AL SERVICE	ICT	COL				IPMEI RONY			•	NUM	BEF	3	T	YPE	;
MAINI	ENAN	CE CHECKL	.101	0	2	Р	P	С			NUMBER TYPE	M					
YSTEM/LOCATION POWERED PORTAI	BLE CON	VEYORS	EQUIPMENT TYPE	<u></u>		DEL/:		ES	ORIGINAL ISSUANCE DATE								
UB-EQUIPMENT/AREA			DATE LAST REVISED	<u></u>	RE	VISIO	N NC).	1	APPR	OVE	D B	Y (II	NITIA	NLS)		
PART OR COMPONENT	ITEM NO.	(COMPLY)	INSTRUCTION INSTRUCTION IN ALL CURRENT SA		PRI	EÇAU	TION	(S)	-		٨				NCY	•	
BENERAL	1.	power cable e with equipmen	erve all safety pre xcept when opera at running. Be esp erations with equi	tions ecia	mu Ily d	ist be caution	e pe ous	rforn	nec	đ			X				
	2.	(POWER CABI	E) Connect power	r cab	le a	ind o	per	ate			_		X				
	3.	(POWER CABI	LE) Disconnect por	wer (abl	e fro	mr	есер	tac	cie.			X			i	
DRIVE SECTION	4.	running, feel name sive vibration.	REDUCER OR GE notor and reducer Listen for eviden Look for evidenc	hous	sing i da	to d mag	ete e or	ct ex	ces r t	S-			X				
	5.		ON) With conveyor mance of motor, re equipment.										X				:
	6.	connected, rea on roller chair and buildup of to determine i	IN TRANSMISSIOmove chain guard, and sprocket tee dirt on transmiss f tension is proper e sure they are tig	. Loc th. L ion p ly ac	ok fo .ook arts ljus	or ex (for (s. Fe ted.	ces corr eel c Fee	sive rosio chain el	we n	- ear			X				
CONVEYING SECTION	7.	observe track	MENT AND TENSION of alleys. (If reversible	beit	OVB	r dri	ve t	ermi	nni nal	ing,			X			÷	
	8.	abnormai nois cessible beari	RINGS) With conve se from pulley and ing housings to de pulley for eccentr	roll tect (bea exc	ring: essiv	s. F	eel a ibrati	ic-	۱.			X				
	9.		ACING) With power observe condition of belt.							9							
		· -									L	L	<u> </u>				

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IDENTIFICATION WORK EQUIPMENT U.S. POSTAL SERVICE CODE **NUMBER ACRONYM TYPE** MAINTENANCE CHECKLIST C Ρ Ρ 0 M MODEL/SERIES ORIGINAL ISSUANCE DATE **EQUIPMENT TYPE** STEM/LOCATION **MODEL H DWERED PORTABLE CONVEYORS** APPROVED BY (INITIALS) B-EQUIPMENT/AREA DATE LAST REVISED REVISION NO. **ITEM PART** OR **INSTRUCTIONS** (COMPLY WITH ALL CURRENT **SAFETY** PRECAUTIONS) **COMPONENT** No. 3) 10. (HYDRAULIC SYSTEM) With power cable connected, HYDRAULIC SISTEM operate boom section and observe hydraulic system (manual or motor-driven pump, whichever is applicable). Look for leakage around cylinders, caps, piston rods, and in tubing and fittings of fluid lines. 11. STRUCTURAL (CONVEYOR FRAME) With power cable disconnected, look for damage to frame, hopper, boom, and other. structural members. Check for loose bolts, broken welds, and broken or loose rivets. Check casters for damage. (SWITCHES AND WIRING) With power cable disconnected, **DNTROLS** 12. look and feel for damage to switch boxes, cable reels, and associated conduit and wiring. Look for damage to power cable and plugs. GENERAL (CLEANUP) Clean all parts of conveyor. Remove all 13. inspection equipment from work area. Initiate repair work orders as required. Report serious deficiencies to maintenance supervisor. **AFETY** 14. Check operation of the emergency-stop switches and proper installation of mechanical guards over potential pinch points.

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								IDE	NTI	FICAT	ION							
U.S. POSTAL SERVICE MAINTENANCE CHECKLIST					PE ^K	EQUIPME ACRONY						NUMBER				TYPE		
MAINI	ENAN	CE CHECKL	.151	0	4	P F	,	С			0	,	0	1		M		
YSTEM/LOCATION			EQUIPMENT TYPE		MOI	DEL/SE	RIE	S	1	l ORIGI	NAI	LIS	SUAI	NCE	DAT	ΓE		
POWERED PORTAG	BLE CON	IVEYORS			MC	DEL	Н											
UB-EQUIPMENT/AREA			DATE LAST REVISED		REV	ISION/	NO.	ı	ļ	APPR	OVI	ED E	BY (II	NITL	ALS)			
PART OR ITEM NO. (COMPLY			INSTRUCTIO WITH ALL CURRENT \$	_	Y PRE	CAUTIO	ONS	S)			1	S	F C	S C	iC			
GENERAL	1.	power cable ex performed with	erve <i>all</i> safety pred ccept when mainte h equipment runni performing opera	nand ng. l	ce ad Be e	ction i	nu ally	st k y	е				×		-			
	2.	(POWER CABL conveyor.	_E) Connect power	^r cab	le ar	nd op	era	ite					K					
	3.	(POWER CABL	.E) Disconnect pov	wer c	cable	e from	re	ecep	otac	le.			K					
DRIVE SECTION	4.	remove relief premove dirt. Use by applying lub appears at a remoter and reduced.	REDUCER BEARING PROVIDED) With polugs from bearing sing a hand-greas pricant through fittlelief hole. Connect ucer for a short time replace relief plu	powers. We guings to power to the total powers. The total powers to the total powers. The total powers to	er ca lipe n, p unti ver c	ble di fitting urge l I fresl cable	sco s t pea n lu and	onn o arin ubri d ru	ect gs can ın	t			K					
	5.	remove oil leve in gearcase. A	IL LEVEL) With poel plug and determed determed determed determed determed as recather vent and wipe	nine quire	leve ed to	l of lu reac	bri h p	can orop	it oer	l,			K					
	6.	•	IN) With conveyor ant to roller chain.		ing,	use b	rus	sh					K					
	7.	warm from run Remove drain Replace drain proper level. C	With power cable daning, remove filler plug and drain old plug and fill gearcal clean breather versess oil from gea	r cap I lubi ase v nt. R	froiricar with epla	m gea nt fron lubric ce fill	rca n g an er	ear ear t to cap	Cas	s e .			K					
	8.	power cable di	HERE FITTINGS AF sconnected, wipe for poly small amount of the sess lubricant.	itting	gs. L	Jsing [°]	a	har					x					

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U.S. POSTAL SERVICE MAINTENANCE CHECKLIST			ICT	CO			EQUIPMENT ACRONYM			NUMBEI			ER TY	
MAIN	IENAN	CE CHECKI	-101	0	4 P	P	С			0	0	1		М
YSTEM/LOCATION	· · · · · · · · · · · · · · · · · · ·		EQUIPMENT TYPE	<u>:</u>	MODEL	/SERI	ES	ORI	GINA	L IS	SUA	NCE	DAT	E
OWERED PORT	ABLE CON	NVEYORS			MODE	LH								
UB-EQUIPMENT/ARE	A		DATE LAST REVISED)	REVISIO	ON NO) .	APF	PROV	ED E	3Y (II	NITI	ALS)	
PART OR COMPONENT	ITEM NO.	(COMPLY)	INSTRUCTION WITH ALL CURRENT S		PRECAL	JTION	:S)	-	A	s	FRE		NCY	
								╀	"	Ŭ	1		-	
ONVEYING ECTION	9.	With conveyor lubrication-typ gun, apply a s	(PULLEY BEARINGS, WHERE FITTINGS ARE PROVIDED) With conveyor running, wipe dirt from fitting of all lubrication-type pulley bearings. Using a hand-grease gun, apply a small amount of lubricant to fittings. Wipe away lubricant.								x			
SENERAL	10.	maintenance t area. Comple	lean all parts of co tools, equipment, a te Form 4805, Wol encies to maintena	and i	ubrican der, <mark>a</mark> nd	ts fro d rep	om wo oort	ork			X			
SAFETY	11.	•	on of the emergen stallation of mecha h points.	-	•						X			

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Checklist Number: MASTER PREVENTIVE MAINTENANCE CHECKLIST 4-PFC-1M Type Of Activity: CLEANING AND LUBRICATING Type: General Purpose parcel Sorting Equipment: System: All Models Portable Conveyors Toading-Unloading Frequency By Service Condition Component Item Instructions Mod Sev Light MQSA GENERAL 1 (Safety) **Observe all Safety** precautions. XXXX-Disconnect power cable ● xcept when maintenance • ction must be performed with the equipment, running. Be especially cautious when performing operations with the equipment running. (Power Cable) Connect power cable and operate com eyor. 3 (Power Cable) Disconnect power cable from receptacle. 4 (Motor and Reducer Bearings, where Grease -xxx DRIVE Fittings are provided) . with power cable SECTION disconnected remove relief plugs from bearings Wipe fittings to remove dirt. Using a kand grease gun, purge bearings by applying lubricant through fittings until fresh lubricant appears at relief hole. Connect power cable and run motor and reducer for a short time to allow excess grease to run out, then replace the relief plugs. -Xxx 5 (Gearcase Oil Level) With the power cable disconnected, remove the oil level plug and determine level of lubricant in gearcase. Add lubricant as required to reach the proper level. Clean breather vent and wipe away any excess lubricant. 6 -xxx (Roller Chain) With conveyor running, use bns' to apply lubricant toroller chain. 'Oil SAE 40 *Trequency to agree with "operating items" appearing on individual checklist. performance time standards have not been included in the data presented on the summary sheets.

MASTER PREVENTIVE MAINTENANCE CHECKLIST

Type of Activity: CLEANING AND LUBRICATING

Checklist Number:

4-PPC-1M

System: Portable Conveyors

Equipment : All Models

General Purpose Parcel Sorting Loading-Unloading Type:

		veyous	All Paders	I Load:	ing-Un.	Loading	
Component	Item		Instructions			quency (ce Condi	=
					Light	Mod	Sev
	7	and the uncap from g drain old drain plug to the pro Replace fi exterior o	With the power cable disciple warm from running, repearcase. Remove drain plubricant from gearcase. and fill gearcase with leper level. Clean breath ler cap and wipe excess of gearcase.	remove filler ug and Replace Lubricant ner vent.		MQSA x	
(Models 86, 89, C-89)	8	With power fittings. small amoun appropriat motor base lubricant. Moly!	Speed Drive, Where Provide cable disconnected, wiped Using a hand grease gun, at of lubricant to fitting a small amount of slides. wipe away excess benum disulfide E.P. SAE 40	e , apply a lgs. Where f oil to ss		-xxx	
HYDRAULIC SYSTEM (Model C)	9	Fittings a connected, re Wipe Fittings us fittings us relief hold to allow exthe relief	emove relief plugs from ings. Using a hand grease ings by applying lubricant appear. Run pump motor fox a xcess grease to run out. plugs.	bearings. gun, nt through ars at short time Replace		-xxx	
STRUCTURAL (Model J)	10	With the p grease fit apply a sm Wipe away e	ers, where Fittings are Proceed, commerced, trings. Using a hand greated amount of lubricant texcess lubricant. Senum disulfide E.P.	wipe ase gun, to fittings.		-xxx	
		With the p fittings. small amount wipe away	where Fittings are Provide ower cable disconnected, Using a hand grease gun, nt of lubricant to the fiexcess lubricant. Senum disulfide E.P.	wipe the , apply & ittings.		-xx	





MASTER PREV Type of Activity:		E MAINTENANCE CHECKLIST ING AND LUBRICATI NG		4-PPC-1M					
System: Portal	ole Cor	Equipment:	Type: Gene	ral Pu el Sor ing-in	Purpose Sorting G-Unloadin Frequency (Service Condi				
Component	Item	Instructions				•			
(Model J)	12	(Boom Lock Linkage) With power connected, wipe dirt from boom	lock	Light	MQSA	Sa			
		assembly. using a spout can, a amount of oil to linkage pivot paway excess lubricant. Oil SAE 40							
SECTION	13	(Pulley Bear ings, Where Fittings Provided) With conveyor "running from fittings of all lube-type pearings. Using a hand grease gusmall amount of lubricant to fit Wipe away excess lubricant. Molybenum disulfide E	, wipe dirt oulley un, apply a tings.						
MANUAL TILT ECHANISM (Model G)	14	(Manual Tilt Mechanism) With the disconnected, raise the conveyor elevation. Remove dirt and oil stock and gears. Apply lubrication screw stock and gears. After lower conveyor to horizontal post Oil SAE 40	from screw t with brush r lubrication,		-xxx				
GENERAL	15	(Clean-Up) Clean all parts of the Remove all maintenance tools, exclubricants from work area. Comp 4581, CORRECTION NEEDED."' -Report serious deficiencies to maintenasupervisor.	quipment and lete form t		-xxx				